

FIG. 2A

$\frac{x}{y}$	1/16	-3/16	10/16	10/16	-3/16	1/16
1/16	1/256	-3/256	10/256	10/256	-3/256	1/256
-3/16	-3/256	9/256	-30/256	-30/256	9/256	-3/256
10/16	10/256	-80/256	100/256	100/256	-80/256	10/256
10/16	10/256	-80/256	100/256	100/256	-80/256	10/256
-3/16	-3/256	9/256	-30/256	-30/256	9/256	-3/256
1/16	1/256	-3/256	10/256	10/256	-3/256	1/256

First YH extraction filter F1

FIG. 2B

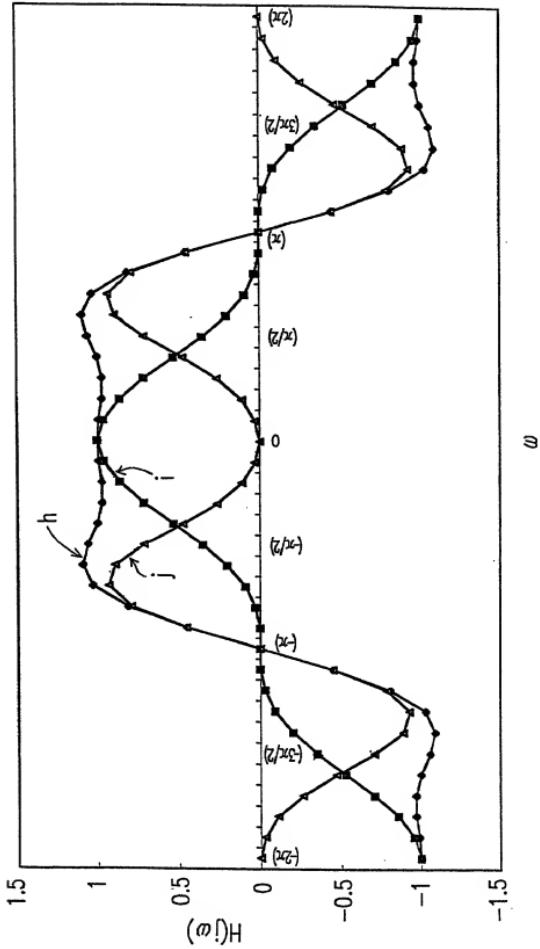
$\frac{x}{y}$	1/8	3/8	3/8	1/8
1/8	1/64	3/64	3/64	1/64
3/8	3/64	9/64	9/64	3/64
3/8	3/64	9/64	9/64	3/64
1/8	1/64	3/64	3/64	1/64

Second YH extraction filter F2

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Y042230" ZZ95E660

FIG. 3



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FIG. 4

			-1		
			-m		
-1	-m	4(l+m)	-m	-1	
		-m			
		-1			

FIG. 5A

$y \backslash x$	1/4	3/4	3/4	1/4
1/4	1/16	3/16	3/16	1/16
3/4	3/16	9/16	9/16	3/16
3/4	3/16	9/16	9/16	3/16
1/4	1/16	3/16	3/16	1/16

RB-interpolation filter

FIG. 5B

$y \backslash x$	1/4	3/4	3/4	1/4
1/8	1/32	3/32	3/32	1/32
3/8	3/32	9/32	9/32	3/32
3/8	3/32	9/32	9/32	3/32
1/8	1/32	3/32	3/32	1/32

G-interpolation filter

(Operation in x-direction has priority
over operation in y-direction)

FIG. 6

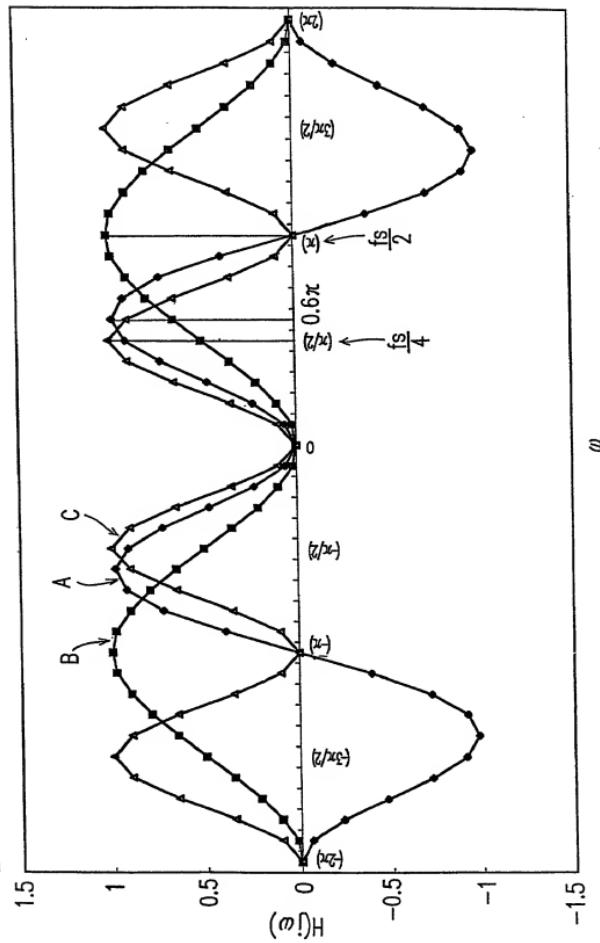
<table border="1"><tr><td>-1</td><td>1</td><td>1</td><td>-1</td></tr></table>	-1	1	1	-1	(A)		
-1	1	1	-1				
<table border="1"><tr><td>-1</td><td>2</td><td>-1</td></tr></table>	-1	2	-1	(B)			
-1	2	-1					
<table border="1"><tr><td>-1</td><td>0</td><td>2</td><td>0</td><td>-1</td></tr></table>	-1	0	2	0	-1	(C)	
-1	0	2	0	-1			
<table border="1"><tr><td>-2</td><td>1</td><td>2</td><td>1</td><td>-2</td></tr></table>	-2	1	2	1	-2	(D)	
-2	1	2	1	-2			
<table border="1"><tr><td>-1</td><td>-1</td><td>4</td><td>-1</td><td>-1</td></tr></table>	-1	-1	4	-1	-1	(E)	
-1	-1	4	-1	-1			
<table border="1"><tr><td>1</td><td>-5</td><td>4</td><td>4</td><td>-5</td><td>1</td></tr></table>	1	-5	4	4	-5	1	(F)
1	-5	4	4	-5	1		
<table border="1"><tr><td>1</td><td>3</td><td>3</td><td>1</td></tr></table>	1	3	3	1	(G)		
1	3	3	1				

One-dimensional filter

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Y04280° ZZ95E660

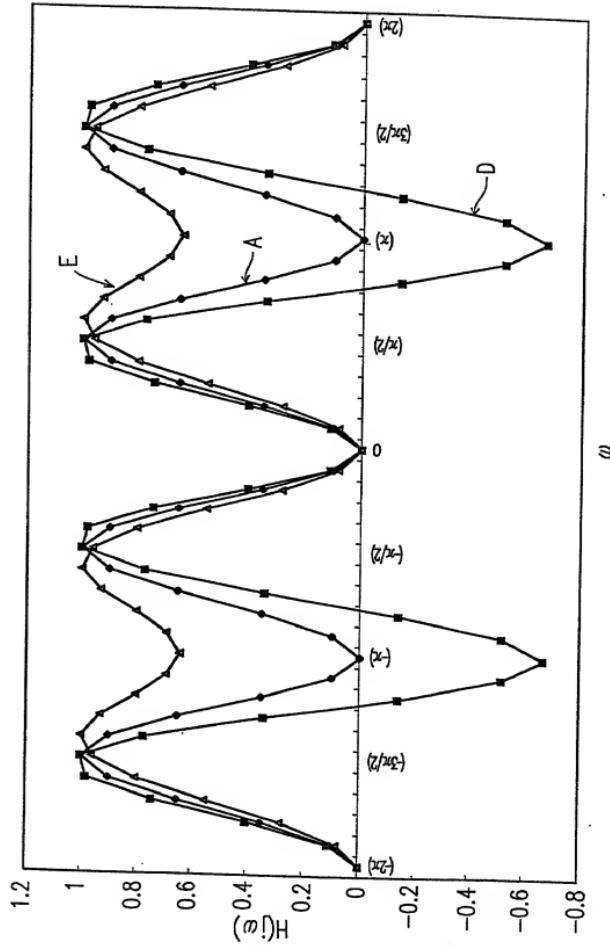
FIG. 7



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T01R280 • Z795E660

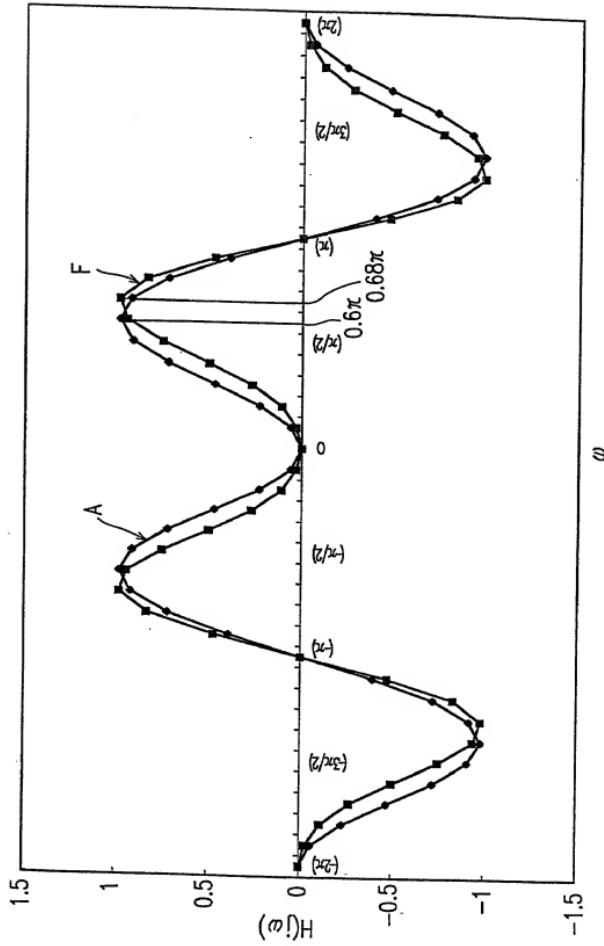
FIG. 8



01R00269

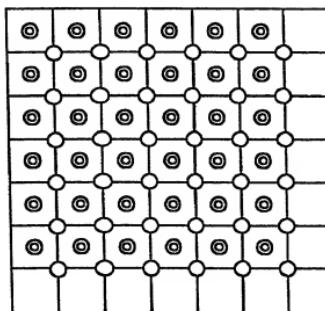
T04280 7795E660

FIG. 9



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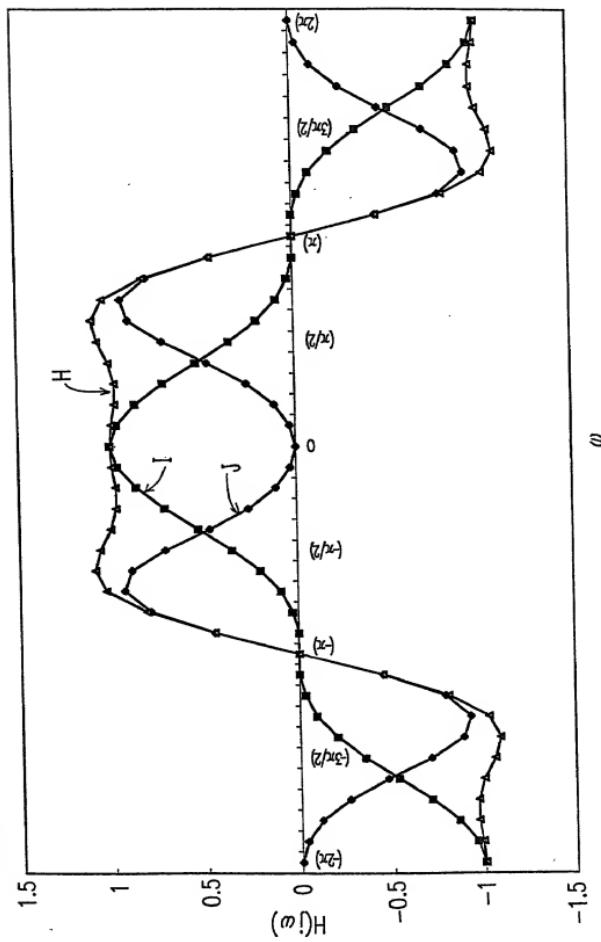
FIG. 10



104280-295E650

T04280°∠235E660

FIG. 11



T04280 ✓✓953660

FIG. 12

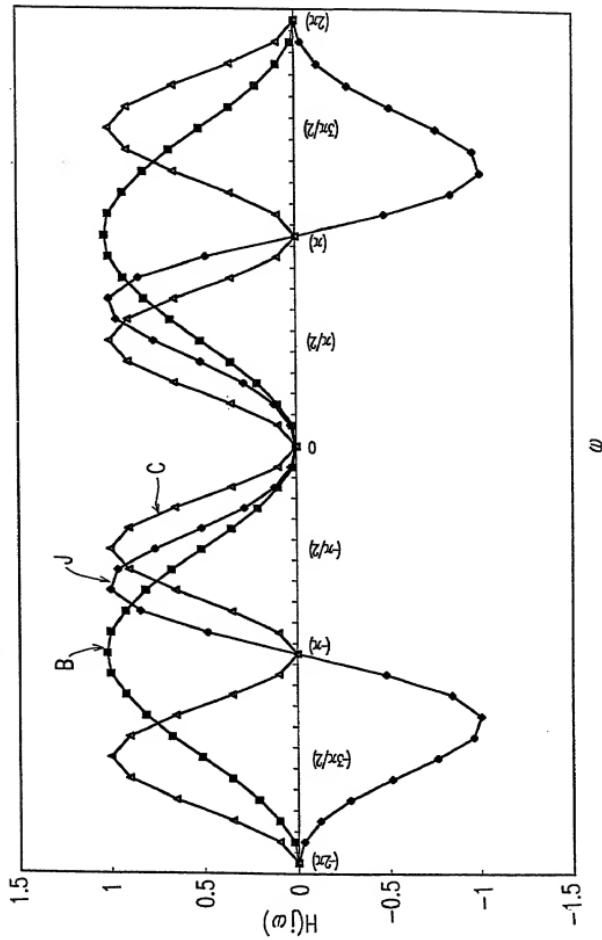


FIG. 13

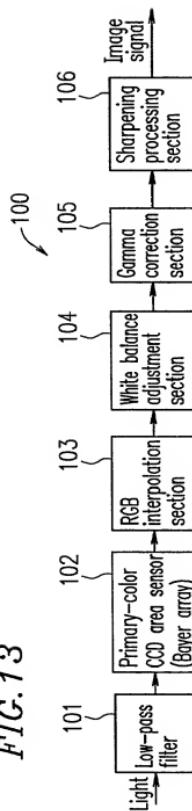


FIG. 14

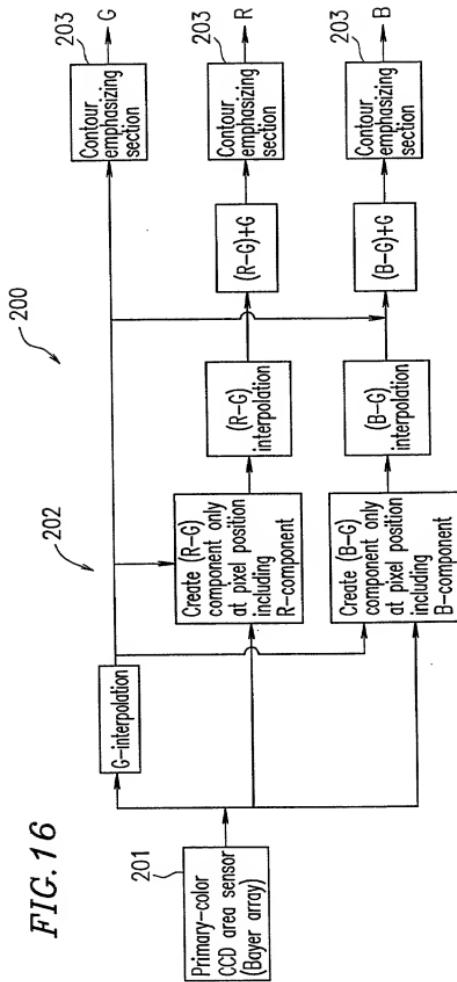
	Δx					
Δy	R	G	R	G	R	G
	G	B	G	B	G	B
	R	G	R	G	R	G
	G	B	G	B	G	B
	R	G	R	G	R	G
	G	B	G	B	G	B

FIG. 15

B1	G2	B3
G4	R5	G6
B7	G8	B9

YDn280 "Z35E660

FIG. 16



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FIG. 17A

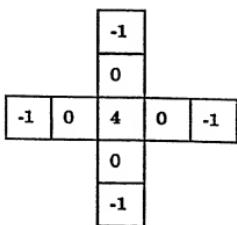


FIG. 17B

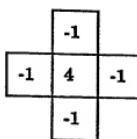


FIG. 18

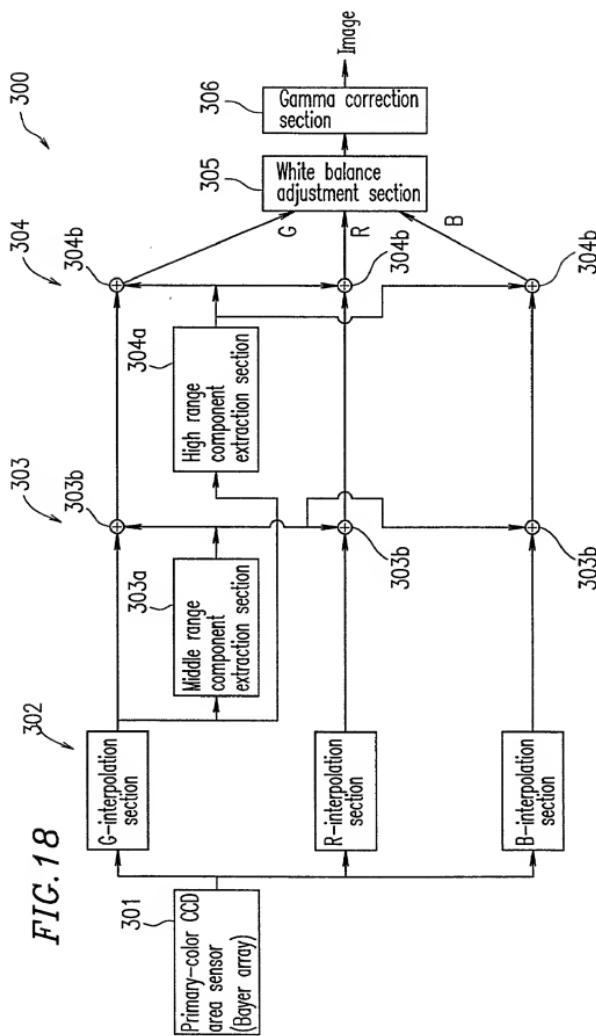


FIG. 19

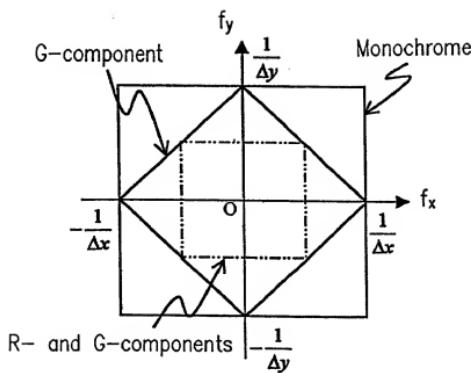


FIG. 20

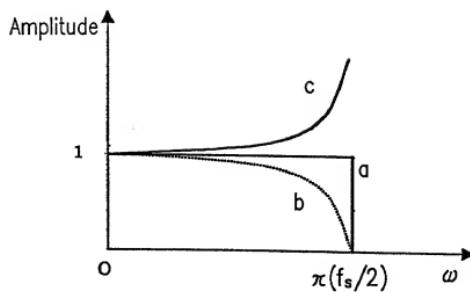
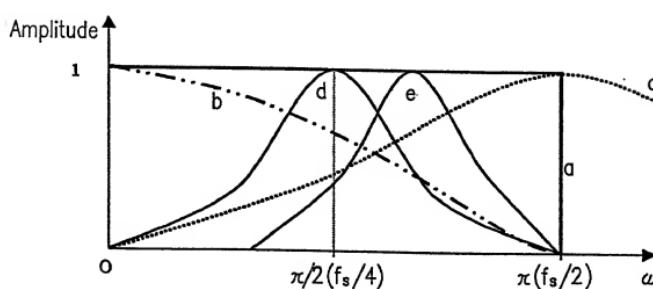


FIG. 21



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FIG. 22

1/256	-3/256	10/256	10/256	-3/256	1/256
-3/256	5/256	-42/256	-42/256	5/256	-3/256
10/256	-42/256	64/256	64/256	-42/256	10/256
10/256	-42/256	64/256	64/256	-42/256	10/256
-3/256	5/256	-42/256	-42/256	5/256	-3/256
1/256	-3/256	10/256	10/256	-3/256	1/256

1041280, 22955660